





Vololink Pty Ltd Melbourne, Australia sales@vololink.com www.vololink.com

VoloAccess[™]

A *real* alternative to fixed lines 42Mbps DC-HSPA+ (Dual Carrier) Convergent Wireless Terminal

- Flexible design Voice and Data or Data only
- High Speed: Uplink 5.76Mbps, Downlink up to 42Mbps
- High Speed WiFi

Fax machine

13

Analog phor

Soft phone/fa

IP phone

- Internal ATA functionality VoIP and FoIP*#
- Future proof: LTE ready
- Redundant Internet access
- Robust security and firewall functionality
- Intelligent design: Desktop or wall-mount



The VoloAccess is a Convergent Wireless Terminal for use over HSPA/HSPA+ capable UMTS networks.

The VoloAccess provides both voice and wireless broadband Internet services in areas where conventional telephone lines either do not exist or are too far from the nearest xDSL enabled exchange.

The VoloAccess is easy to use, just plug and play.

Broadband Internet access via four Ethernet ports or high speed WiFi. Support for analog phones via RJ11 ports*.

The VoloAccess provides Least Cost Routing between enterprise fixed line PBXs and 3G wireless networks (line reversal)*.

Internal ATA functionality - VoIP and FoIP*#.

Automatic fall back to HSUPA/ HSDPA/EDGE/GPRS/GSM, if a HSPA+ network is not available.

Supports locking the terminal to the 3G network (network lock)[#].

Supports locking the SIM to the terminal (SIM PIN lock)#.

Automatic updates of the latest firmware via 'Over The Air' download feature#.

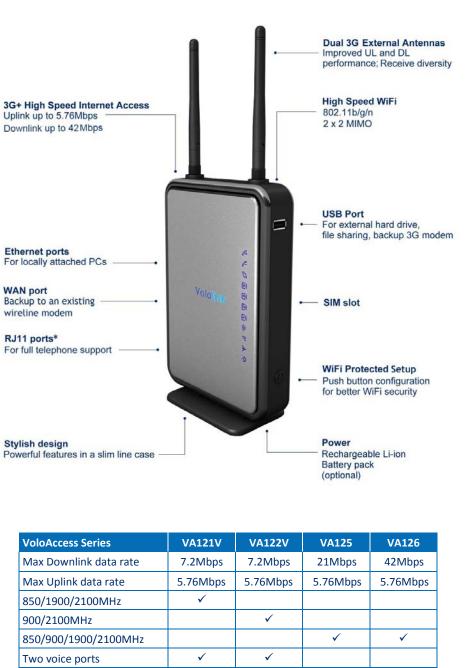
Built-in internet redundancy (WAN failover) via WAN port.

WAN failover via externally connected 3G USB modem[#].

Flexible design - Voice and Data or Data only.

Optional rechargeable Li-ion battery pack for continuous operation during power failures.

VoloAccess[™]



Technical Specification

Indicators

WPS

Connectors

(SMA 50 ohm)

• DC power supply

RJ45 WAN port

• USB host port

50 ohm (3G)

available

Environment

50 ohm (WLAN)

Antenna

Two RJ11 connectors*

• Power, Mobile Network Status, Received Signal Strength, 4 x LAN,

• Four RJ45 Ethernet ports

Two antenna connectors

Connector for external USIM

Dual external omni-directional,

• Dual internal omni-directional,

• Optional higher gain directional 3G

• Operating temperature: 0° to +45°C

Storage temperature: -20° to +70°C

• Operating humidity: 5% to 95%

• Input: 100 – 240V/50 – 60Hz AC

• Plug options: Australia, Europe,

Rechargeable Li-ion battery pack

• 178 x 118 x 33 mm (excluding stand

AC-to-DC Power Supply

Output: +12V 2A DC

UK. USA

(optional)

Dimensions

and antennas)

antennas and extension cables

WAN, WLAN, Phone 1*, Phone 2*,

Wireless Network

- Air Interface: WCDMA
- GSM/GPRS/EDGE frequencies: 850/900/1800/1900MHz

WLAN

- 802.11b/g/n WiFi access point
- 2.4-2.4835GHz (ISM Band)
- 2 x 2 MIMO
- WiFi Protected Setup

Internet Protocols

- DHCP server
- PPP client
- NAT
- NAT port forwarding
- NAT ALGs
- DNS proxy server
- SNTP client

Security

- Firewall
- VPN tunnelling
- VPN pass-through
- WLAN 64/128-bit WEP. WPA and WPA2
- Voice

- SIP signalling
- G711A/u
- G.729AB
- iLBC
- Fax
- G.711 Fax Pass-through

* Voice enabled models only (VA12xV) # Optional, only available to service providers



4Gon www.4Gon.co.uk info@4gon.co.uk Tel: +44 (0)1245 808295 Fax: +44 (0)1245 808299

- Analog telephony*

ATA Functionality*#

- Voice

- T.38 Fax over IP